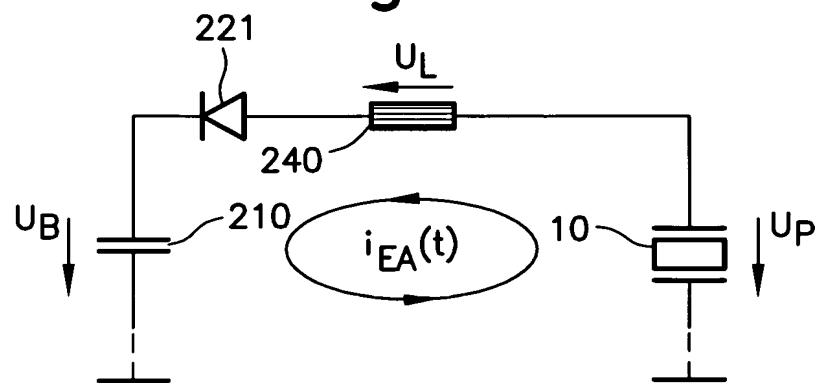
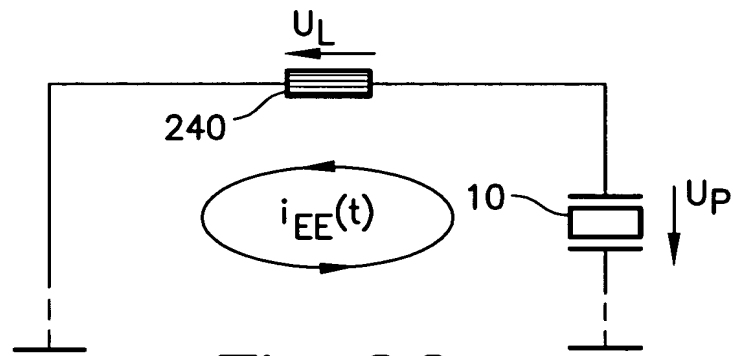
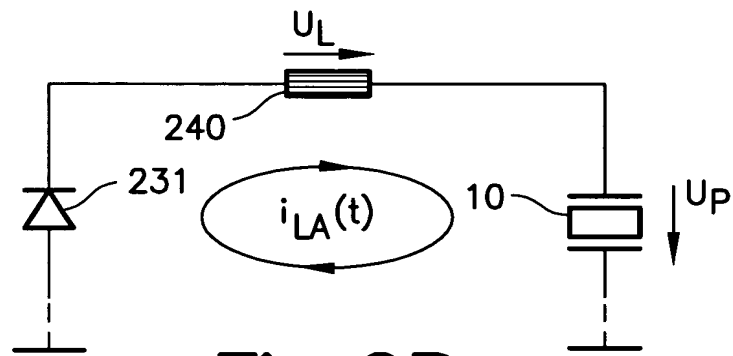
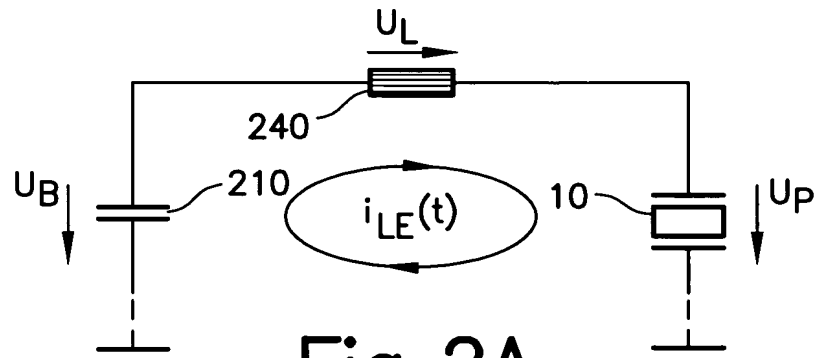


Fig. 1



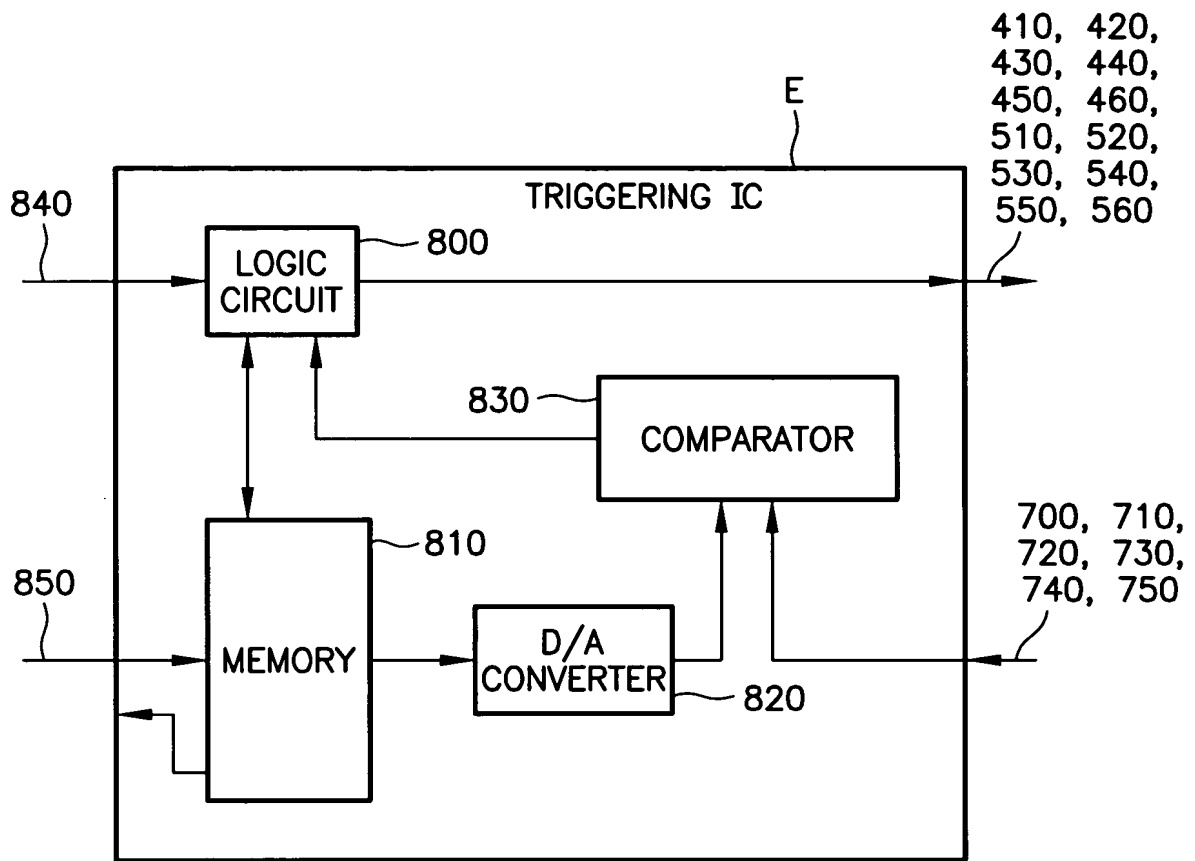


Fig. 3

Time sequence of interrupts (existing art)

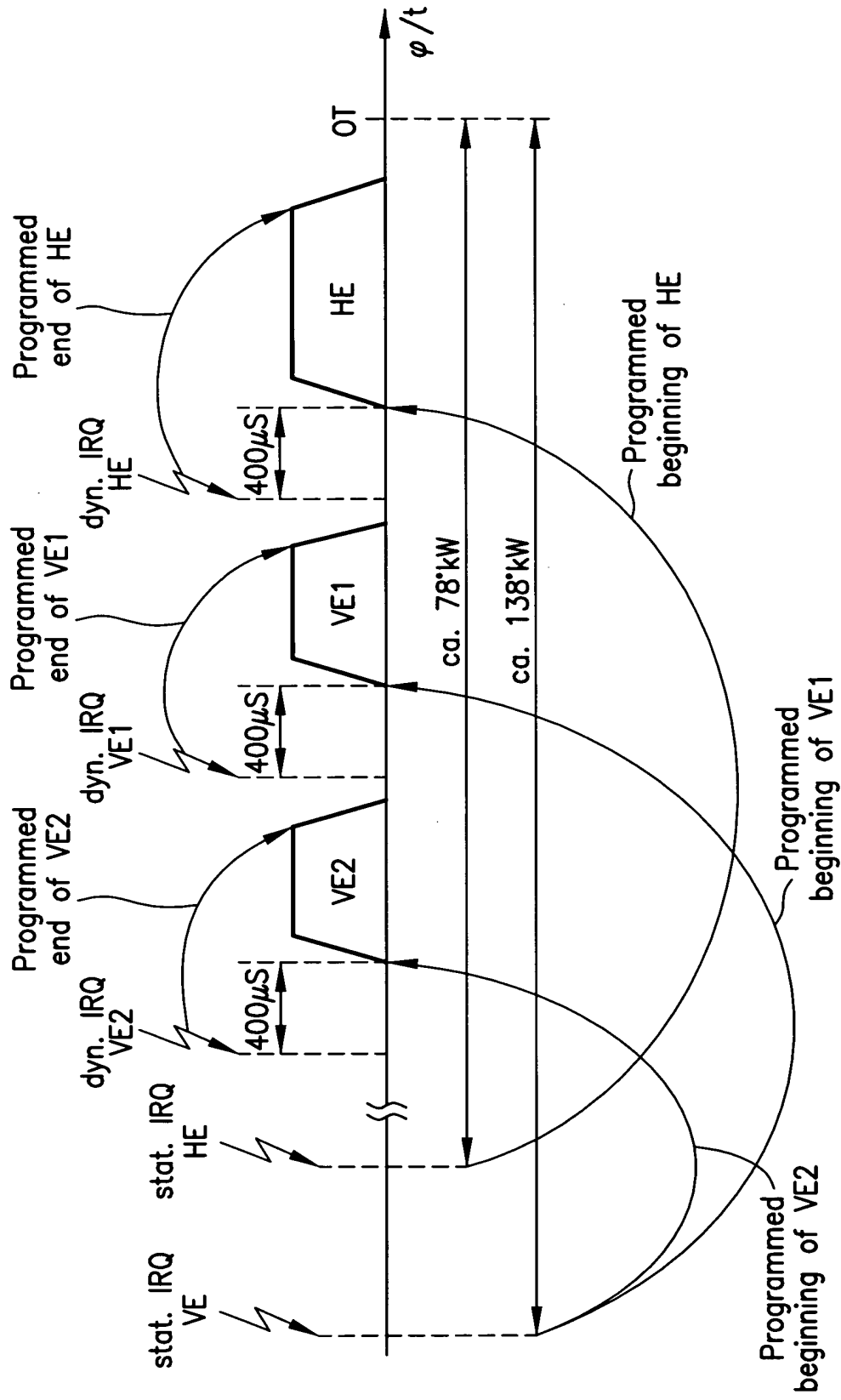
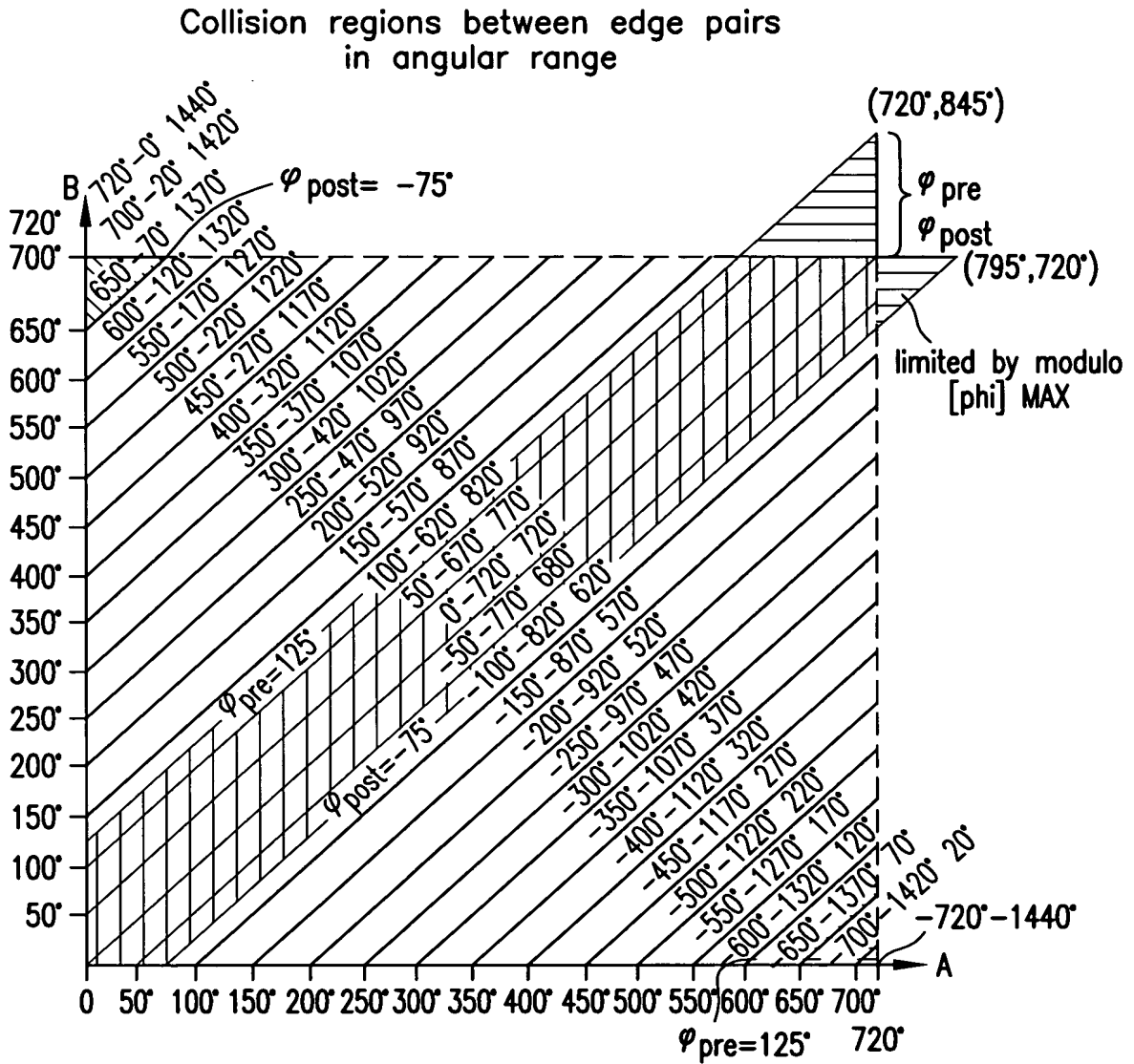


Fig. 4



$$t_K = B - A$$

$$t_K = B - A - \varphi_{max}$$

$$t_K = B - A + \varphi_{max}$$

$$\text{Ex.: } \varphi_{post} = 75^\circ$$

$$\varphi_{pre} = 125^\circ$$

$$\varphi_{max} = 720^\circ$$

Collision for:

$$\varphi_{post} \leq t_K \leq \varphi_{pre}$$

$$t_K \geq -\varphi_{post}$$

$$t_K \leq \varphi_{pre}$$

Fig. 5

Shifting a low-priority edge later (Calculation)

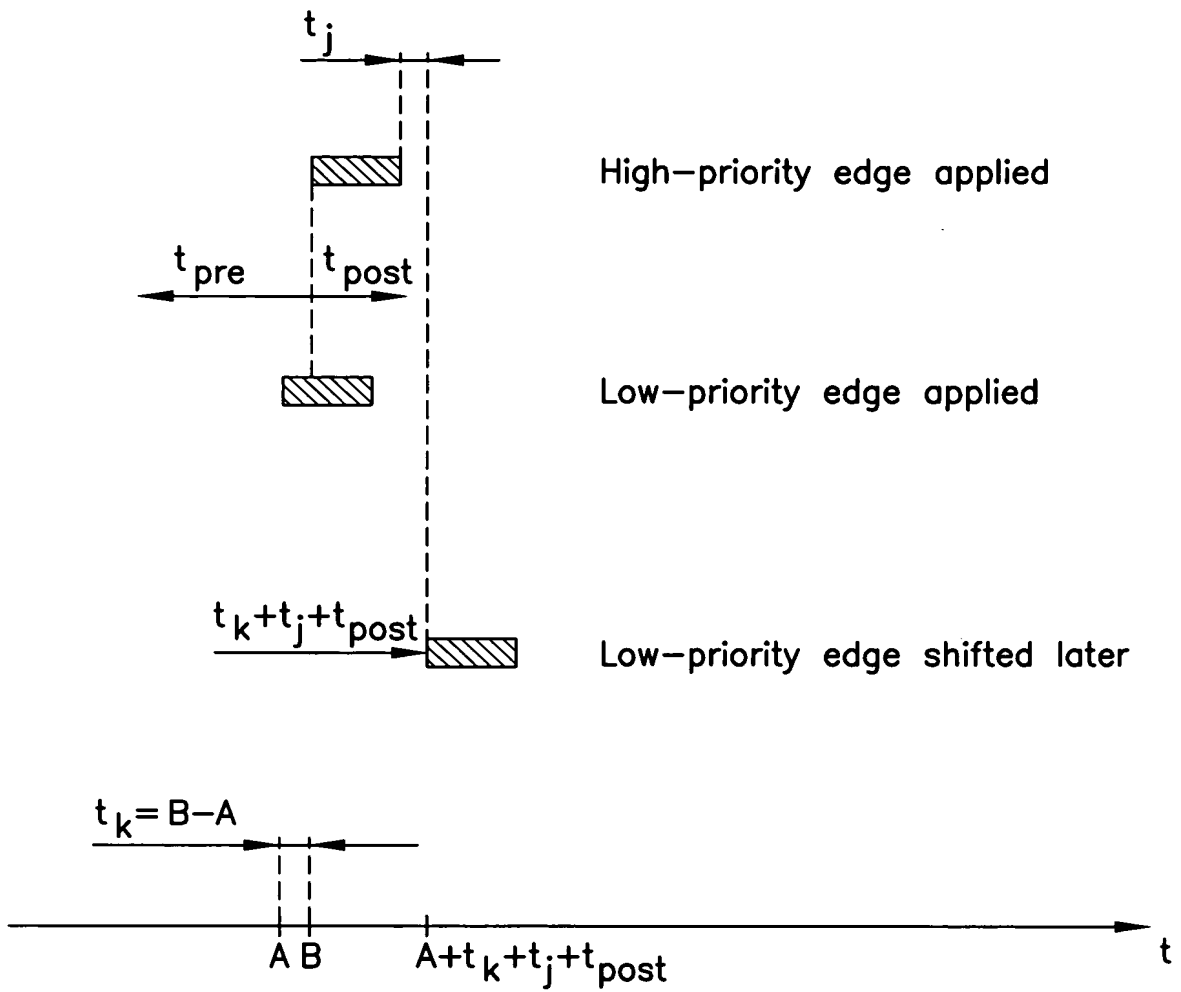


Fig. 6

Shortening of a low-priority triggering action (Calculation)

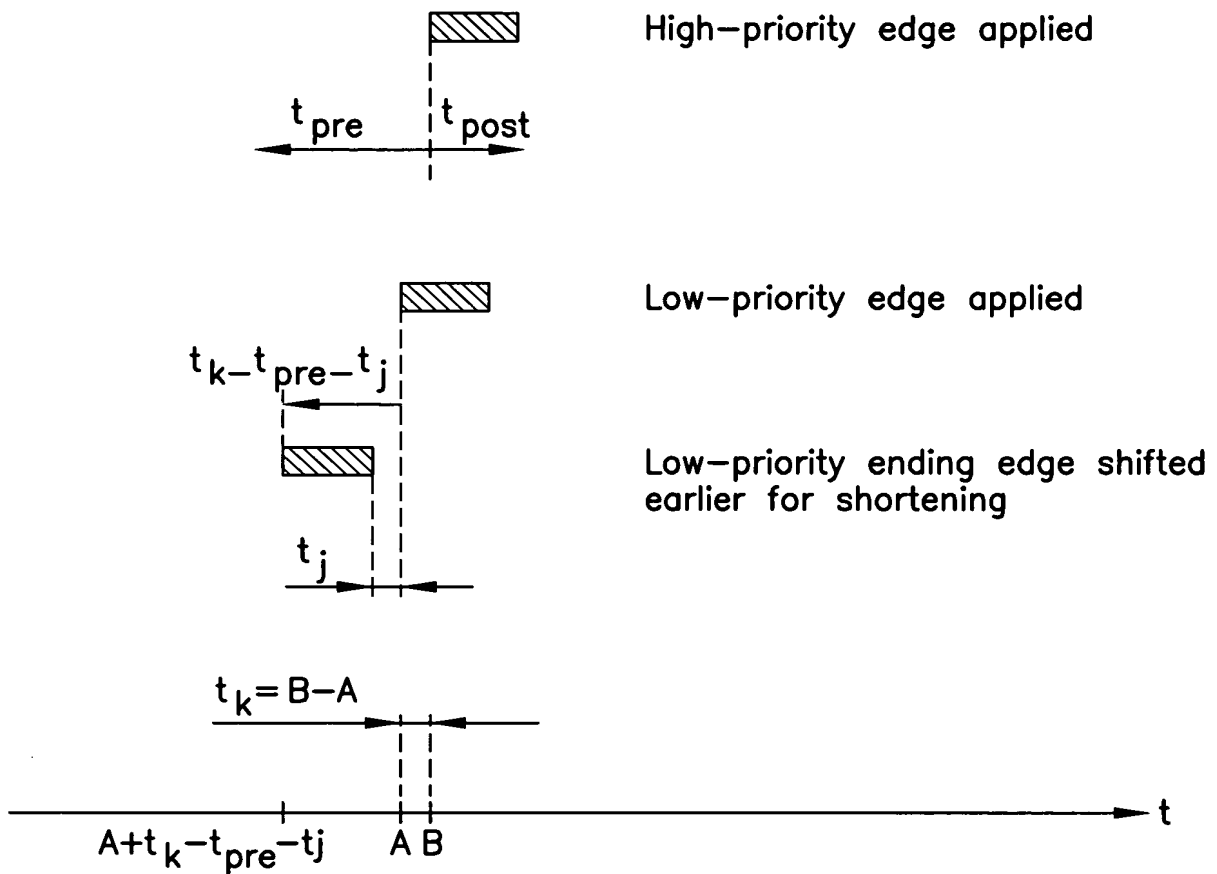


Fig. 7